

Converting Colors

$Yxy(53.8768, 0.3374, 0.3255)$

Have a look what the booklet for
Yxy(53.8768, 0.3374, 0.3255)
contains.

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Color

Yxy(53.6974, 0.3375, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DABABD
RGB	218, 186, 189
RGB Percent	85%, 73%, 74%
CMY	0.1450, 0.2706, 0.2589
CMYK	0.00, 0.15, 0.13, 0.15
HSL	354°, 30%, 79%
HSV	354°, 15%, 85%
XYZ	55.6599, 53.6974, 55.5610
YIQ	195.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

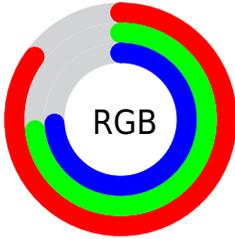
Format	Color
R _Y B	218, 186, 189
Decimal	14334653
CIE Lab	78.28, 11.92, 2.74
CIE LCh	78, 12.226, 12.948
Yxy	53.6974, 0.3375, 0.3256
Android (android.graphics.Color)	4292524733 (0xFFDABABD)
YUV	195.9100, -3.4066, 19.3729
Hunter-Lab	73.2785, 7.3453, 6.3403

Details

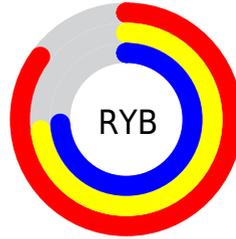
The Yxy color **53.6974, 0.3375, 0.3256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5013, 0.2923, 0.3324**, and the grayscale version is **55.1595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3568, 0.3194, 0.3261**, and **26.3392, 0.3441, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **44.4028, 0.3596, 0.3231**, and if you desaturate by 10%, it is **64.5154, 0.3198, 0.3280**.

Distribution



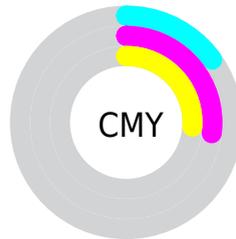
- Red (85%)
- Green (73%)
- Blue (74%)



- Red (85%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6974, 0.3375, 0.3256 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.6974, 0.3375, 0.3256 by changing the saturation by 10% instead.

 53.6974, 0.3375,
0.3256

 53.6974, 0.3375,
0.3256

400.9551, 0.3254,
0.3274

 38.3598, 0.3405,
0.3252

 95.6298, 0.3331,
0.3262

 26.2621, 0.3442,
0.3246

122.9934, 0.3315,
0.3265

 17.0198, 0.3492,
0.3238

155.1344, 0.3301,
0.3267

 10.2486, 0.3560,
0.3227

192.4373, 0.3289,
0.3269

 5.5641, 0.3658,
0.3210

235.2864, 0.3278,
0.3270

 2.5819, 0.3815,
0.3181

284.0661, 0.3269,

 0.9176, 0.4113,

0.3271

339.1609, 0.3261,
0.3273

0.3132

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6974, 0.3375,
0.3256

53.6974, 0.3375,
0.3256

44.4028, 0.3596,
0.3231

64.5154, 0.3198,
0.3280

36.5563, 0.3869,
0.3206

76.9133, 0.3055,
0.3301

30.0873, 0.4202,
0.3183

90.9537, 0.2941,
0.3321

24.9160, 0.4596,
0.3166

93.6486, 0.2906,
0.3289

■ 20.9549, 0.5037,
0.3158

■ 18.1052, 0.5491,
0.3165

■ 16.2529, 0.5901,
0.3190

■ 15.2593, 0.6201,
0.3231

■ 14.9601, 0.6309,
0.3249

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.6974, 0.3237, 0.3128



53.6974, 0.3375, 0.3256



53.6974, 0.3446, 0.3396

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6974, 0.3375, 0.3256



53.6974, 0.3177, 0.3556



53.6974, 0.2833, 0.3061

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.6974, 0.3375, 0.3256



65.5013, 0.2923, 0.3324

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.6974, 0.2819, 0.3171



53.6974, 0.3375, 0.3256



53.6974, 0.3014, 0.3461

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6974, 0.3375, 0.3256



53.6974, 0.3329, 0.3574



53.6974, 0.2884, 0.3318



53.6974, 0.2925, 0.3016

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6974, 0.3375, 0.3256



53.6974, 0.3444, 0.3479



53.6974, 0.2884, 0.3318



53.6974, 0.2819, 0.3092

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.6998, 0.3375, 0.3256



93.0822, 0.3187, 0.3281



54.6008, 0.3118, 0.2926



19.6538, 0.3199, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6998, 0.3375, 0.3256



71.7327, 0.3446, 0.3248



59.2127, 0.3378, 0.3439



13.0711, 0.3277, 0.3269



8.9677, 0.6289, 0.3238



0.5879, 0.6001, 0.3079

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.6998, 0.3375, 0.3256



71.7327, 0.3446, 0.3248



59.2667, 0.2900, 0.3137



13.0711, 0.3277, 0.3269



8.9677, 0.6289, 0.3238



0.5879, 0.6001, 0.3079

Previews

White Background



This preview shows how the Yxy color 53.6974, 0.3375, 0.3256 looks on a white background.

Color Contrast Check

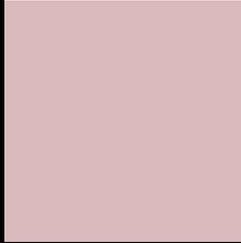
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.6974, 0.3375, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

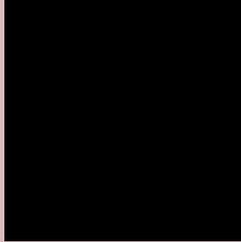
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6974, 0.3375, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 53.6974, 0.3375, 0.3256.



This preview shows how white text looks on a background with the Yxy color 53.6974, 0.3375, 0.3256.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.6974, 0.3375, 0.3256

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

53.5109, 0.3339, 0.3267



Tritanopia

53.4646, 0.3304, 0.3118

Trichromacy



Original Color

53.6974, 0.3375, 0.3256

Protanomaly

53.6118, 0.3235, 0.3266

Deuteranomaly

53.6618, 0.3347, 0.3267

Tritanomaly

53.6981, 0.3335, 0.3175

Monochromacy



Original Color

53.6974, 0.3375, 0.3256

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3869, 0.3217, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6974, 0.3375, 0.3256 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.6974, 0.3375, 0.3256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 186, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 186, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
189) }
```

Background

The CSS property to change the background color of an element to Yxy 53.6974, 0.3375, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
186, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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